Index of Claims

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| Applicati | on/Contro | I NO. |

10/074,086

Applicant(s)/Patent under Reexamination

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VON MUELLER ET AL.
Art Unit

Examiner Chun Cao

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| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
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| Cla                    | aim      | Date            |                |          |          |          |          | ]        | Cla       | Date |      |                 |          |                               |        |              | Claim           |          | Date     |                                       |          |              |          |               |         |          |                |                 |               |          |          |
|------------------------|----------|-----------------|----------------|----------|----------|----------|----------|----------|-----------|------|------|-----------------|----------|-------------------------------|--------|--------------|-----------------|----------|----------|---------------------------------------|----------|--------------|----------|---------------|---------|----------|----------------|-----------------|---------------|----------|----------|
|                        |          |                 | ГΤ             |          |          |          |          |          |           |      | 1    |                 |          |                               | T      | Τ            | П               |          | Т        | Т                                     | 1        |              |          |               |         |          | Г              |                 |               | $\neg$   | 7        |
| <u></u>                | Original | 5/25/05         | l              |          |          |          |          |          |           |      |      | <u></u>         | Original |                               |        |              |                 |          |          |                                       |          | <del>-</del> | Original | - [           |         |          |                |                 |               |          |          |
| Final                  | ğį       | 12              |                |          |          |          |          |          |           |      |      | Final           | įġ       |                               |        |              |                 |          |          |                                       |          | Final        | įġ       |               |         |          |                |                 |               | - 1      |          |
| ۱ ۳                    | Ŏ        | 3               |                |          |          |          |          |          |           |      | ŀ    | <del> </del>    | ō        |                               |        | 1            |                 |          |          |                                       |          | ш.           | ŏ        |               |         |          |                |                 |               | .        |          |
|                        |          | <del> _</del>   | $\vdash$       | _        | $\dashv$ | _        | $\vdash$ | <u> </u> | Н         |      |      |                 |          |                               | -      | ╀            | $\sqcup$        | $\dashv$ |          | ₩.                                    |          |              |          | $\rightarrow$ | 4       | 4        | <u> </u>       |                 | $\rightarrow$ | $\dashv$ | 4        |
| 1                      | 1        | =               | Щ              | _        |          | Ц.       | _        | _        |           |      |      |                 | 51       |                               |        | <u> </u>     | Ш               | $\dashv$ | $\bot$   | _                                     |          |              | 101      | -             | $\bot$  | ┷.       | ļ              | Ш               | $\sqcup$      | $\dashv$ |          |
|                        | 73       | 辶               |                | _        | $\Box$   |          | L        | ᆫ        | Ш         |      |      |                 | 52       |                               |        | _            | <u> </u>        |          |          | <u> </u>                              | ]        |              | 102      |               |         |          | L              | Ш               | $\Box$        | $\dashv$ | _        |
| 2                      | 3        | =               |                |          |          |          |          |          |           |      |      |                 | 53       |                               |        |              |                 |          | _L_      |                                       | -, 1     |              | 103      |               |         |          |                |                 |               | $\perp$  |          |
| 3                      | 4        | L               |                |          |          |          |          |          |           |      |      |                 | 54       |                               |        |              |                 |          |          |                                       |          |              | 104      |               |         |          |                |                 |               | [        |          |
| 4                      | 5        |                 |                |          |          |          |          |          |           |      |      |                 | 55       |                               |        |              |                 |          |          | T                                     |          |              | 105      |               |         | T        |                |                 |               | П        | $\neg$   |
| 6                      | 6        | П               |                |          |          |          |          |          |           |      |      |                 | 56       |                               |        |              |                 |          |          | T                                     | 1 1      |              | 106      | $\Box$        | Т       | T        |                |                 |               | $\neg$   |          |
| 7                      | 7        | П               |                |          |          |          |          |          |           |      |      |                 | 57       |                               |        |              | П               |          |          |                                       | l i      |              | 107      |               | $\top$  | 1        |                |                 |               | $\neg$   |          |
| 8                      | 8        | П               |                |          |          |          |          |          |           |      | ١. ا |                 | 58       |                               |        |              | П               |          |          | T                                     |          |              | 108      |               | $\neg$  | 1        |                |                 |               | 丁        |          |
| 9                      | 9        | П               |                |          |          |          |          |          |           |      |      |                 | 59       |                               | 1      |              | П               |          | 1        |                                       |          |              | 109      |               | $\top$  | $\top$   |                | П               |               | $\neg$   |          |
| 10                     | 10       | T               | $\Box$         |          |          |          |          |          |           |      |      |                 | 60       |                               | 1      | t            | H               |          | $\top$   | 1                                     |          |              | 110      | $\neg +$      | $\top$  | +        | Т              |                 |               | _        | 7        |
| 11                     | 11       | T               | $\Box$         |          |          |          |          |          | П         |      |      |                 | 61       | 1                             | +      |              |                 | $\neg$   | $\top$   | 1                                     | 2.1      |              | 111      | $\neg$        | +-      | 1-       | $\vdash$       | П               | $\Box$        | $\dashv$ | $\dashv$ |
| 12                     | 12       | $^{\dagger }$   | $\dashv$       |          | $\vdash$ |          | Н        | $\vdash$ | Н         |      |      | -               | 62       | -                             | +      | T            |                 |          | +        | +                                     | £ 1      |              | 112      | $\dashv$      | +       | +        | $\vdash$       | H               | $\vdash$      | +        | $\dashv$ |
| 13                     | 13       | $\mathbf{H}$    | $\vdash$       | -        | $\dashv$ |          | $\vdash$ | -        | $\vdash$  | _    | 1    | $\vdash$        | 63       | _                             | +      | $\vdash$     | H               | +        | +-       | +                                     |          |              | 113      | +             | +       | +        | $\vdash$       | Н               | $\dashv$      | $\dashv$ | -        |
| 19                     | 14       | H               | $\vdash$       | $\dashv$ | -        | -        | Н        | $\vdash$ | Н         |      |      | $\vdash \vdash$ | 64       | $\dashv$                      | +      | $\vdash$     |                 | -+       | +        | +                                     |          |              | 114      | -             | +       | +        | H              | Н               | $\dashv$      | +        | $\dashv$ |
| 20                     | 15       | ╫               | $\vdash$       | -        | -        | -        |          |          | H         |      |      |                 | 65       | $\dashv$                      | +      | ╁            | $\vdash$        | $\dashv$ | +        | ╁╌                                    |          |              | 115      |               | +       | +        | -              | Н               | $\vdash$      | $\dashv$ | $\dashv$ |
| 21                     | 16       | ₩               | $\dashv$       | -        |          | _        |          |          | Н         |      |      | -               | 66       | -                             |        | -            | $\vdash$        | +        | +        | ╁                                     |          |              | 116      |               | +       | +-       |                | Н               | $\dashv$      | $\dashv$ | -        |
| 22                     | 17       | +               |                | $\dashv$ |          |          |          | -        |           |      |      |                 | 67       | -                             | +      | $\vdash$     | $\vdash$        |          | +        | ┢                                     | ð.       |              | 117      |               |         | +        |                | Н               | $\dashv$      | $\dashv$ | $\dashv$ |
| 23                     | 18       | ₩               | $\vdash$       | $\dashv$ |          |          |          | _        |           |      |      |                 | 68       | +                             |        | -            | H               | +        |          | <del> </del>                          |          |              |          | $\rightarrow$ | +       | +        | $\vdash$       | Н               |               | $\dashv$ | -        |
|                        |          | ₩               | $\vdash$       | $\dashv$ | -        |          | _        |          |           |      |      |                 |          |                               | +      | ┝            |                 |          | +-       | -                                     |          |              | 118      | +             | -       | +        | _              | Н               | $\dashv$      | -        | 4        |
| 24                     | 19       | ₩               | $\vdash$       |          | $\dashv$ |          |          |          | $\square$ |      | 1    |                 | 69       |                               | _      | ┝            | $\vdash$        | -        | +        | -                                     |          |              | 119      | _             |         | ┼        | ┞-             | Ш               | $\dashv$      | $\dashv$ | _        |
| 25                     | 20       | Н               | $\dashv$       |          |          |          |          |          | _         | _    |      |                 | 70       |                               | -      | ┞            | $\sqcup$        | _        | -        | ₩                                     | ŀ.       |              | 120      | _             | - -     | 4_       | Ш              |                 |               | _        | 4        |
| 26                     | 21       | <u> </u>        |                |          | $\dashv$ |          | $\Box$   | _        |           |      |      |                 | 71       |                               | —      | 辶            | Щ               |          | 4        | _                                     |          |              | 121      |               | _       | ļ_       | _              |                 |               | $\dashv$ | _        |
| 27                     | 22       | 11              | $\dashv$       | _        | 4        |          |          |          |           |      |      |                 | 72       |                               | _      | <u> </u>     | Ш               | _        |          | ـــــــــــــــــــــــــــــــــــــ |          |              | 122      | _             | ┸       | 1_       |                |                 |               |          | _        |
|                        | 23       | Ш               | $\dashv$       | _        | $\dashv$ |          |          |          |           |      |      |                 | 73       | _                             | —      | <u> </u>     | Ш               | _        | <u> </u> | <u> </u>                              |          |              | 123      |               |         | <u>↓</u> | Ш              |                 |               | $\perp$  | _        |
| 28                     | 24       | 11              |                | _        | _        |          |          |          |           |      |      |                 | 74       |                               |        |              | Ш               |          |          |                                       | 5        |              | 124      |               | $\perp$ |          |                |                 |               | $\perp$  |          |
| 29                     | 25       | Ш               |                | $\Box$   |          |          |          |          |           |      | 44.  |                 | 75       | $oldsymbol{oldsymbol{\perp}}$ |        |              |                 | $\perp$  | $\perp$  | Ц.                                    | 4        |              | 125      |               |         |          |                |                 |               | $\perp$  |          |
| 15                     | 26       | Ш               |                |          |          |          |          |          |           |      | 10   |                 | 76       |                               |        |              | Ш               |          |          | L                                     |          |              | 126      |               |         |          |                |                 |               | $\perp$  |          |
| 16                     | 27       | Ш               |                |          | I        |          |          |          |           |      |      |                 | 77       |                               | .      |              |                 |          |          |                                       |          |              | 127      |               |         |          |                | i               |               |          |          |
| 17                     | 28       |                 |                |          |          |          |          |          |           |      |      |                 | 78       |                               |        |              |                 |          |          |                                       |          |              | 128      |               | .       |          |                |                 |               | $\neg$   |          |
| 5                      | 29       | П               |                |          |          |          |          |          |           |      |      |                 | 79       |                               | $\top$ | П            | П               |          | 1        | П                                     |          |              | 129      |               | T       | 1        |                |                 | T             | $\neg$   |          |
| 14                     | 30       | П               |                |          |          |          |          |          |           |      |      |                 | 80       |                               | 7      | Г            | П               |          | 1        | П                                     |          |              | 130      |               |         | 1        |                |                 |               | 一        | $\neg$   |
| 18                     | 31       | Ξ               |                | T        | T        |          |          |          |           |      |      |                 | 81       |                               | 1      |              | П               |          | 1        |                                       | 7.       |              | 131      |               | 1       |          |                |                 | $\neg$        |          |          |
|                        | 32       |                 |                |          |          |          |          |          |           |      | ĺ    |                 | 82       | $\neg \vdash$                 | 丅      | Π            |                 | T        | 1        |                                       | l        |              | 132      |               |         | 1        |                |                 |               | $\neg$   | Ti.      |
|                        | 33       |                 |                | Ī        | T        |          |          |          |           |      |      |                 | 83       |                               | 1      |              |                 |          | T        | 1                                     |          |              | 133      |               | Ť       | 1        |                |                 |               | $\neg$   | T        |
|                        | 34       |                 | $\Box$         | 寸        | $\neg$   |          |          |          |           |      | -    | $\neg$          | 84       |                               | 1      | П            | П               | $\neg$   | 1        |                                       | 24       |              | 134      | $\dashv$      | $\top$  | $\top$   | П              | П               | $\dashv$      | 寸        | $\neg$   |
|                        | 35       | П               | $\Box$         |          | $\neg$   |          |          |          |           |      |      | $\neg \neg$     | 85       |                               | $\top$ | Г            | П               | _        | 1        |                                       |          |              | 135      | $\dashv$      |         | T        | П              | H               | $\dashv$      | 十        | $\neg$   |
|                        | 36       | П               | $\sqcap$       | $\neg$   | 1        |          |          |          |           |      |      |                 | 86       | $\neg$                        | $\top$ |              | П               | $\neg$   | $\top$   | T                                     |          |              | 136      | $\dashv$      | 1       | 1        | М              | H               | $\dashv$      | $\top$   | $\dashv$ |
|                        | 37       | П               | $\neg \dagger$ | 寸        | 寸        | $\neg$   | $\neg$   |          | $\vdash$  |      |      | $\neg$          | 87       | -                             | $\top$ | П            | $\vdash$        | $\dashv$ | $\top$   | $\vdash$                              |          |              | 137      | $\dashv$      | +       | 1        | Н              | $\vdash$        | $\dashv$      | 十        | $\dashv$ |
|                        | 38       | Н               | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\vdash$  | _    |      |                 | 88       | +                             | +      | Н            | H               | +        | +        | H                                     | 6 4      |              | 138      | $\dashv$      | +       | +        | Н              | $\vdash \vdash$ | $\dashv$      | +        | $\dashv$ |
|                        | 39       | H               | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\vdash$  |      | 1    |                 | 89       | $\dashv$                      | +      | $\vdash$     | $\vdash \vdash$ | -        | +        | $\vdash$                              | ĘŽ.      |              | 139      | $\dashv$      | +       | +        | $\vdash$       | $\vdash$        | $\dashv$      | +        | $\dashv$ |
| $\vdash$               | 40       | $\vdash$        | $\dashv$       | ┪        | ╅        | $\dashv$ | $\dashv$ | Н        | $\vdash$  |      |      | $\rightarrow$   | 90       | +                             | +      | $\vdash$     | $\vdash$        | +        | ╁        | $\vdash$                              | à ,"<br> |              | 140      | +             | +       | +-       | $\vdash$       | $\vdash \vdash$ | $\dashv$      | +        | $\dashv$ |
| $\vdash \vdash \vdash$ | 41       | Н               | $\dashv$       | -        |          | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$  |      |      |                 | 91       | -+                            | +      | $\vdash$     | $\vdash$        |          | +        | +                                     |          |              |          | +             | +       | +        | H              | $\vdash \vdash$ | $\dashv$      | 十        | $\dashv$ |
| $\vdash \vdash$        | 42       | Н               | $\dashv$       | -        | -+       | $\dashv$ |          | $\vdash$ | $\vdash$  | -    |      |                 | 92       | +                             | +      | $\vdash$     | $\vdash$        | +        | +        | $\vdash$                              |          |              | 141      | +             | +-      | +-       | $\vdash\vdash$ | $\vdash$        | $\dashv$      | +        | $\dashv$ |
|                        | 43       | Н               | $\dashv$       | $\dashv$ | -        | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$  | -    |      |                 | 93       | +                             | +      | $\vdash$     | $\vdash$        | +        | +        | $\vdash$                              | :        |              | 143      |               | +       | +        | $\vdash\vdash$ | $\vdash \vdash$ |               | +        | $\dashv$ |
| $\vdash \vdash \vdash$ | 43       | $\vdash$        | $\dashv$       | -        |          | $\dashv$ | -        |          |           |      | ,    |                 | 94       | +                             | +      | $\vdash$     | H               | +        | +        | $\vdash$                              |          |              |          | $-\vdash$     | +       | +        | Н              | $\vdash \vdash$ | -             | $\dashv$ | $\dashv$ |
|                        | 45       | $\vdash \vdash$ | $\dashv$       |          | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ |           | _    | }    |                 | 95       | +                             | +      | <del> </del> | $\vdash$        | -        | +        | $\vdash$                              |          |              | 144      | +             | -       | +-       |                | $\vdash \vdash$ | $\rightarrow$ | $\dashv$ | $\dashv$ |
| ├                      |          | $\vdash$        | -              | $\dashv$ | $\dashv$ | $\dashv$ | $\Box$   |          | $\vdash$  |      |      |                 |          | +                             | +      | $\vdash$     | $\vdash$        | $\dashv$ | +-       | $\vdash$                              |          |              | 145      | -             | $\perp$ | +        | Ш              |                 | -             | $\dashv$ | 4        |
| $\vdash$               | 46       | ┝╌╢             | $\dashv$       | _        |          | _        |          | Щ        |           |      |      |                 | 96       |                               | +-     |              | Н               | _        | +        | $\perp$                               |          |              | 146      |               | $\bot$  | 4        | Ш              | $\sqcup$        | 4             | $\dashv$ | 4        |
| $\vdash$               | 47       | $\sqcup$        |                | 4        | _        |          |          | Щ.       | $\sqcup$  |      |      |                 | 97       |                               |        | <u> </u>     | $\sqcup$        | $\perp$  | $\bot$   | $\vdash$                              |          |              | 147      |               | $\bot$  | _        | Щ              | Щ               | $\dashv$      | $\dashv$ | _        |
| <b>├</b>               | 48       | Щ               | _              | _        | $\dashv$ |          |          | Ш        | $\dashv$  |      |      |                 | 98       | _                             | _      | Щ            | $\sqcup$        | $\perp$  | 4        | $\sqcup$                              |          |              | 148      | _             | $\perp$ | $\perp$  | Ш              | Ш               |               | $\bot$   | $\Box$   |
| $\vdash \vdash$        | 49       | $\sqcup$        |                | 4        | _        | ļ        |          |          | _         |      |      |                 | 99       |                               |        | Ш            | Ш               |          | ᆚ        | $\sqcup$                              | [        |              | 149      | $\perp$       | $\perp$ | 1_       | Ш              |                 |               |          | $\Box$   |
|                        | 50       |                 |                |          |          |          |          |          |           |      |      |                 | 100      |                               |        |              |                 | $\perp$  | 丄        |                                       |          |              | 150      | l_            |         |          |                |                 |               |          |          |